



**Features**

- Aluminum extruded motor body for better heat dissipation and corrosion resistance
- Motor can withstand wide voltage fluctuation from 180 - 240 Volts
- Capable of lifting up to 3 meters static suction lift without foot valve, at rated head and
- Complies with UL 81722 and IS 44722
- Fitted with Thermal Overload Protector (TOP) preventing motor burn out at lower voltage
- Totally enclosed fan cooled (TEFC) - no entry of dust moisture
- Capacitor starts and runs motor with IP-44 protection
- IP class of insulation
- Capacitor inside terminal box
- Double shielded ball bearing - needs no external lubrication

**Applications**

- Water supply for domestic use in Bungalows, Hospitals, Canteens, Industries, Small Fountains, Solar Heating Systems etc.

**Material of Construction**

- Impeller : High Tensile Brass
- Delivery Casing : Cast Iron
- Mounting Casing : Cast Iron
- Motor Body : Aluminum
- Shaft : Carbon Steel (Chrome Plated)

**Technical Specifications**

- Capacity : 160 to 600 LPH
- Power Rating : 0.18 Kw (0.25 HP)
- Voltage Range : 180 to 240 Volts

PUMP MODEL	POWER RATING KW	PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS		
					3	6	9
TINY	0.18 KW	25.4	1.1	240	1000	1500	1800



# JALRAAJ PUMPS SERIES

**Features**

- It is capable of priming up to 5 meters static suction lift without a foot valve, at rated head & flow
- Thermal Overload Protector (TOP) for safety of Motor.
- Motor can withstand wide voltage fluctuation from 180-240 Volts.
- IP class of insulation
- Capacitor inside terminal box
- TEFC capacitor starts and run motor

**Material of Construction**

- Impeller : Cast Iron steel
- Delivery Casing : Cast Iron
- Mounting Casing : Cast Iron
- Motor Body : Extruded Aluminum
- Cover NDE : Aluminum
- Mechanical Seal : Carbon Ceramic

**Application**

- Water supply for domestic use in Bungalows, Apartments, Hotels, Pump houses
- Used in home pressure booster systems, lawn sprinklers, overhead tanks and watering for gardens

**Technical specifications**

- Head : 3 - 42m
- Capacity : 300 - 230 lph
- Power Rating : 0.37 Kw / 0.5 HP to 0.75 Kw / 1.0 HP
- Voltage Range : 180 to 240 Volts (IP2000)

PUMP MODEL	POWER RATING KW	PIPE SIZE (mm)	FULL LOAD CURRENT (Amps)	RATED VOLTAGE (Volts)	TOTAL HEAD IN METERS		
					6	10	14
JR03000	0.37	25.4	2.0	230	1300	1500	1800
JR05000	0.75	25.4	4.0	230	1500	1800	2000
JR07500	1.5	38.1	8.0	230	1800	2200	2500
JR10000	2.2	50.8	12.0	230	2000	2500	3000

Note: Performance applicable in cases of head of specific gravity 1 and viscosity of 1 cP.